

California Department of Conservation
FARMLAND MAPPING AND MONITORING PROGRAM

SOIL CANDIDATE LISTING

for

PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE

KERN COUNTY

U.S. Department of Agriculture, Natural Resources Conservation Service, soil surveys for Kern County include:

Soil Survey of Kern County, Southeastern Part, September 1981

Soil Survey of Kern County, Northwestern Part (unpublished)

Soil Survey of Antelope Valley Area, California, January 1970

Beginning in 2002, SSURGO digital soil information has been incorporated into the Kern County Important Farmland Map. Prior versions of the map have not been modified.

The SSURGO data includes Kern County, Southeastern Part (published 2/08/2006), Kern County, Northwestern Part (published 2/08/2006), and Antelope Valley Area (published 3/15/2006). The digital surveys contain additional soil units beyond those published in the original paper surveys. Soils on the Prime and Statewide lists that only occur in the SSURGO data are appended to this list in italics.

**For more information on the NRCS SSURGO data, please see:
http://www.ftw.nrcs.usda.gov/ssur_data.html**

**KERN COUNTY
PRIME FARMLAND SOILS**

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
DAVIS, CALIFORNIA 95616

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR PRIME FARMLAND AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE KERN COUNTY SOUTHEASTERN PART, KERN COUNTY NORTHWESTERN PART, AND ANTELOPE VALLEY AREA SOIL SURVEYS.

SOUTHEASTERN PART

<u>Symbol</u>	<u>Name</u>
109	Arvin sandy loam, 2 to 5 percent slopes
110	Arvin sandy loam, 5 to 9 percent slopes
127	DiGiorgio sandy clay loam, 0 to 2 percent slopes
137	Garlock loamy sand, 2 to 9 percent slopes
140	Havala sandy loam, 0 to 2 percent slopes
141	Havala sandy loam, 2 to 5 percent slopes
142	Havala sandy loam, 5 to 9 percent slopes
144	Hesperia sandy loam, 0 to 2 percent slopes
145	Hesperia sandy loam, 2 to 5 percent slopes
159	Pleito sandy clay loam, 2 to 5 percent slopes
161	Pleito-Chanac sandy clay loams, 5 to 9 percent slopes
174	Steuber sandy loam, 0 to 2 percent slopes
175	Steuber sandy loam, 2 to 5 percent slopes
176	Steuber sandy loam, 5 to 9 percent slopes
179	Tehachapi sandy loam, 2 to 15 percent slopes
201	Wasioja sandy loam, 2 to 9 percent slopes
203	Whitewolf loamy sand, 2 to 5 percent slopes

NORTHWESTERN PART

<u>Symbol</u>	<u>Name</u>
123	Buttonwillow clay, drained
124	Buttonwillow clay, partially drained
125	Cajon loamy sand, 0 to 2 percent slopes
126	Cajon loamy sand, 2 to 5 percent slopes
127	Cajon sandy loam, overblown, 0 to 2 percent slopes
130	Chanac clay loam, 2 to 9 percent slopes
138	Delano sandy loam, 0 to 2 percent slopes
139	Delano sandy loam, 2 to 5 percent slopes
140	Delano sandy loam, 5 to 9 percent slopes
141	Delano sandy clay loam, 0 to 2 percent slopes
143	Delano variant clay loam, 0 to 9 percent slopes
145	Driver coarse sandy loam, 0 to 2 percent slopes
152	Excelsior sandy loam
153	Excelsior variant silt loam
159	Hesperia sandy loam, 0 to 2 percent slopes
160*	Hesperia sandy loam, 2 to 9 percent slopes
174	Kimberlina fine sandy loam, 0 to 2 percent slopes
175	Kimberlina sandy loam, 2 to 5 percent slopes
177	Kimberlina gravelly sandy loam, 2 to 5 percent slopes

* Slopes greater than 6 percent are not Prime Farmland.

NORTHWESTERN PART continued

<u>Symbol</u>	<u>Name</u>
178	Kimberlina gravelly sandy loam, 5 to 9 percent slopes
184	Lewkalb sandy loam, 0 to 2 percent slopes
187	Lokern clay, drained
192	McFarland loam
196	Milham sandy loam, 0 to 2 percent slopes
197	Milham sandy loam, 2 to 5 percent slopes
211	Panoche clay loam, 0 to 2 percent slopes
212	Panoche clay loam, 2 to 5 percent slopes
222	Premier coarse sandy loam, 2 to 5 percent slopes
235	Twisselman clay, 0 to 2 percent slopes
236	Twisselman clay, 2 to 5 percent slopes
243	Wasco sandy loam
244	Wasco fine sandy loam
245	Westhaven fine sandy loam
246	Whitewolf coarse sandy loam
251	Yribarren loam, 0 to 2 percent slopes
252	Yribarren clay loam, 0 to 2 percent slopes
253	Yribarren clay loam, 2 to 5 percent slopes
254	Zerker loam, 2 to 5 percent slopes
256	Zerker sandy clay loam, 0 to 2 percent slopes

NORTHWESTERN PART continued

<u>Symbol</u>	<u>Name</u>
130tw [#]	<i>Nord fine sandy loam, 0 to 2 percent slopes</i>
145ne	<i>Delano loamy sand, 0 to 2 percent slopes</i>
146ne	<i>Delano sandy loam, 1 to 5 percent slopes</i>

[#] Prime farmland if either protected from flooding or not frequently flooded during the growing season.

8/11/88 retyped: 7/13/95

ANTELOPE VALLEY AREA

<u>Symbol</u>	<u>Name</u>
AaB	Adelanto loamy sand, 2 to 5 percent slopes
AcA	Adelanto coarse sandy loam, 2 to 5 percent slopes
AdB	Adelanto gravelly sandy loam, 2 to 5 percent slopes
CaA	Cajon loamy sand, 0 to 2 percent slopes
CaC	Cajon loamy sand, 2 to 9 percent slopes
CbA	Cajon loamy sand, loamy substratum, 0 to 2 percent slopes
CcA2	Cajon loamy fine sand, 0 to 2 percent slopes, hummocky
Co*	Chino loam
GsA	Greenfield sandy loam, 0 to 2 percent slopes
GsC	Greenfield sandy loam, 2 to 9 percent slopes
GsC2	Greenfield sandy loam, 2 to 9 percent slopes, eroded
HaB2	Hanford loamy sand, 2 to 5 percent slopes, hummocky
HbA	Hanford coarse sandy loam, 0 to 2 percent slopes
HbC	Hanford coarse sandy loam, 2 to 9 percent slopes

ANTELOPE VALLEY AREA continued

<u>Symbol</u>	<u>Name</u>
HcA	Hanford sandy loam, 0 to 2 percent slopes
HcC	Hanford sandy loam, 2 to 9 percent slopes
HdC	Hanford gravelly sandy loam, 2 to 9 percent slopes
HeC	Hanford sandy loam, calcareous variant, 2 to 9 percent slopes
HfA	Hanford loam, 0 to 2 percent slopes
HgA	Hesperia loamy fine sand, 0 to 2 percent slopes
HgA2	Hesperia loamy fine sand, 0 to 2 percent slopes, hummocky
HgB	Hesperia loamy fine sand, 2 to 5 percent slopes
HkA	Hesperia fine sandy loam, 0 to 2 percent slopes
HkB	Hesperia fine sandy loam, 2 to 5 percent slopes
HmA	Hesperia fine sandy loam, loamy substratum, 0 to 2 percent slopes
HnA	Hesperia loam, 0 to 2 percent slopes
MfA	Metz loamy sand, 0 to 2 percent slopes
MfC	Metz loamy sand, 2 to 9 percent slopes
MgA	Metz loam, 0 to 2 percent slopes
MgB	Metz loam, 2 to 5 percent slopes
MoA	Mocho sandy loam, 0 to 2 percent slopes
MpA	Mocho loam, 0 to 2 percent slopes
MpC	Mocho loam, 2 to 9 percent slopes
MzB	Mohave coarse sandy loam, 2 to 5 percent slopes
OaC	Oakdale sandy loam, 2 to 9 percent slopes
ObA	Oak Glen sandy loam, 0 to 2 percent slopes

ANTELOPE VALLEY AREA continued

<u>Symbol</u>	<u>Name</u>
ObC	Oak Glen sandy loam, 2 to 9 percent slopes
OcC	Oak Glen gravelly sandy loam, 2 to 9 percent slopes
OdA	Oak Glen loam, 0 to 2 percent slopes
OdC	Oak Glen loam, 2 to 9 percent slopes
OgC	Ojai loam, 2 to 9 percent slopes
RcA	Ramona coarse sandy loam, 0 to 2 percent slopes
RcB	Ramona coarse sandy loam, 2 to 5 percent slopes
ReC	Ramona gravelly sandy loam, 2 to 9 percent slopes
RfB	Ramona loam, 2 to 5 percent slopes
Rm	Rosamond loamy fine sand
Rm2	Rosamond loamy fine sand, hummocky
Ro	Rosamond fine sandy loam
Rp	Rosamond loam
Rs	Rosamond loam, sandy loam substratum
Rt	Rosamond silty clay loam
SsA	Sorrento loam, 0 to 2 percent slopes
SsB	Sorrento loam, 2 to 5 percent slopes
Tu	Tray sandy loam
VaA	Vernalis sandy loam, 0 to 2 percent slopes
VbA	Vernalis loam, 0 to 2 percent slopes
VbB	Vernalis loam, 2 to 5 percent slopes
VcA	Vernalis clay loam, 0 to 2 percent slopes

ANTELOPE VALLEY AREA continued

<u>Symbol</u>	<u>Name</u>
WgC	Wyman gravelly loam, 2 to 9 percent slopes
YoA	Yolo loam, 0 to 2 percent slopes
YoC	Yolo loam, 2 to 9 percent slopes
ZaC	Zamora loam, 2 to 9 percent slopes
ZcC	Zamora clay loam, 2 to 9 percent slopes

* Prime farmland if drained.

KK 08/11/06

**KERN COUNTY
FARMLAND OF STATEWIDE
IMPORTANCE SOILS**

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
DAVIS, CALIFORNIA 95616

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR FARMLAND OF STATEWIDE IMPORTANCE AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE KERN COUNTY SOUTHEASTERN PART, KERN COUNTY NORTHWESTERN PART, AND ANTELOPE VALLEY AREA SOIL SURVEYS.

SOUTHEASTERN PART

<u>Symbol</u>	<u>Name</u>
105	Arujo sandy loam, 9 to 15 percent slopes
113	Cajon sand, 5 to 15 percent slopes
114	Cajon loamy sand, 0 to 5 percent slopes
125	DeStazo sandy loam, 0 to 2 percent slopes
143	Havala sandy loam, 9 to 15 percent slopes
146	Hesperia sandy loam, 5 to 9 percent slopes
163	Porterville clay, 5 to 9 percent slopes
172	Rosamond clay loam, saline-alkali
173	Rosamond variant sandy loam, 5 to 15 percent slopes
186	Tujunga loamy sand, 2 to 5 percent slopes

JPR RLW Revised 12/5/80

NORTHWESTERN PART

<u>Symbol</u>	<u>Name</u>
109	Ayar silty clay, 5 to 9 percent slopes
128	Capay silty clay, 2 to 9 percent slopes
154	Exeter sandy loam, 0 to 2 percent slopes
155	Exeter sandy loam, 2 to 9 percent slopes
156	Garces silt loam
157	Garces silt loam, moderately wet
158	Garces silt loam, hard substratum
176	Kimberlina sandy loam, 5 to 9 percent slopes
179	Kimberlina fine sandy loam, saline-alkali, 0 to 2 percent slopes
181	Lerdo clay loam, saline-alkali, partially drained
182	Lerdo complex, drained
198	Milham sandy loam, 5 to 9 percent slopes
204	Myers variant clay, 2 to 9 percent slopes
213	Panoche clay loam, 5 to 9 percent slopes
214	Panoche clay loam, saline-alkali, 0 to 2 percent slopes
215	Panoche clay loam, saline-alkali, moderately wet, 0 to 2 percent slopes
220	Pottinger very shaly clay loam, 2 to 9 percent slopes
221	Pottinger very shaly clay loam, 9 to 15 percent slopes
223	Premier coarse sandy loam, 5 to 9 percent slopes
255	Zerker loam, 5 to 9 percent slopes

NORTHWESTERN PART continued

<u>Symbol</u>	<u>Name</u>
111tw	<i>Delvar clay loam, 2 to 9 percent slopes</i>
8/11/88	retyped: 7/13/95

ANTELOPE VALLEY AREA

<u>Symbol</u>	<u>Name</u>
AtA	Arizo loamy fine sand, 0 to 2 percent slopes
AyD	Ayar clay loam, 5 to 15 percent slopes
CkC	Castaic silty clay loam, 2 to 9 percent slopes
CyA	Cortina sandy loam, 0 to 2 percent slopes
CyC	Cortina sandy loam, 2 to 9 percent slopes
HbD	Hanford coarse sandy loam, 9 to 15 percent slopes
Me	Merrill sandy loam
RcC	Ramona coarse sandy loam, 5 to 9 percent slopes
RfC	Ramona loam, 5 to 9 percent slopes
Rr	Rosamond loam, saline-alkali
Ru	Rosamond silty clay loam, saline-alkali
Su	Sunrise loamy fine sand
Sv	Sunrise sandy loam
Sx	Sunrise loam
Sy	Sunrise loam, saline-alkali

ANTELOPE VALLEY AREA continued

<u>Symbol</u>	<u>Name</u>
Tt2	Tray fine sand, hummocky
Tv	Tray sandy loam, saline-alkali
Tw	Tray loam, saline-alkali
VsD2	Vista coarse sandy loam, 9 to 15 percent slopes, eroded

KK 08/11/06